

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-24 10:37:07
Date of Next Testing: 2030-04-23 10:37:07
Product Name: **L-Valine**
CAS Number: 72-18-4
Specifications & Purity: Moligand™, ≥99%
Lot #: D2615511
SKU #: **V103487**
Version: **0**
Analysis #: **697839**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=8 in HCl(1+1)	27-28.5 (°)	27.10000°
Purity(HPLC)	98-100 (%)	99.85600%
Nitrogen by Elemental Analysis	11.3-12.5 (%)	11.96600%
Carbon by Elemental Analysis	50.2-51.7 (%)	50.96700%
Appearance (V103487)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager